that when the variable reflectivity mirror and mirror 280 are in place in the case, the first surfaces of the mirrors are coplanar. These first surfaces may be contiguous or they may be separated by a thin additional wall that may be molded into case 290. Thus, a variable reflectivity mirror and a blindzone viewing mirror are combined to produce a mirror with a flat front face. This same type of structure may be used to combine an ordinary plane non-dimming mirror and a second surface plano-concave blindzone viewing mirror to also have a flat front face.

If any of the mirrors shown which utilize a second surface blindzone viewing mirror are to be used in conjunction with a passenger's side mirror, the first surface of the blindzone viewing mirror must be changed to a spherical surface to match the curvature of the main viewing mirror.

The invention in its broader aspects is not limited to the specific details shown and described, and departures may be made from such details without departing from the principles of the invention and without sacrificing its advantages. For example, the present invention can be applied in other applications such as heavy off-road vehicles and the like where a clear unobstructed wide field of view is required for safe operation, and yet the size of the mirror must be limited.